Statistical Techniques for Translating to Morphologically Rich Languages (Dagstuhl Seminar 14061)

men Alexander Fraser, Kevin Knight, Philipp Koehn, Helmut Schmid, and Hans Uszkoreit ........................................ 1

The Pacemaker Challenge: Developing Certifiable Medical Devices (Dagstuhl Seminar 14062)

Dominique Méry, Bernhard Schätz, and Alan Wassnyg ......................... 17

Graph Modification Problems (Dagstuhl Seminar 14071)

Hans L. Bodlaender, Pinar Heggernes, and Daniel Lokshtanov ................ 38

New Perspectives in Shape Analysis (Dagstuhl Seminar 14072)

Michael Breuß, Alfred M. Bruckstein, Petros Maragos, and Stefanie Wuhrer .... 83

Robots Learning from Experiences (Dagstuhl Seminar 14081)

Anthony G. Cohn, Bernd Neumann, Alessandro Saffiotti, and Markus Vincze .... 79

Visualization and Processing of Higher Order Descriptors for Multi-Valued Data (Dagstuhl Seminar 14082)

Bernhard Burgeth, Ingrid Hotz, Anna Vilanova Bartoloi, and Carl-Fredrik Westin 110

Data Structures and Advanced Models of Computation on Big Data (Dagstuhl Seminar 14091)

Alejandro López-Ortiz, Ulrich Carsten Meyer, and Robert Sedgewick ............ 129

Digital Evidence and Forensic Readiness (Dagstuhl Seminar 14092)

Glenn S. Dardick, Barbara Endicott-Popovsky, Pavel Gladyshev, Thomas Kemmerich, and Carsten Rudolph ......................... 150
ISSN 2192-5283

Published online and open access by Schloss Dagstuhl – Leibniz-Zentrum für Informatik GmbH, Dagstuhl Publishing, Saarbrücken/Wadern, Germany. Online available at http://www.dagstuhl.de/dagrep

Publication date June, 2014

Bibliographic information published by the Deutsche Nationalbibliothek The Deutsche Nationalbibliothek lists this publication in the Deutsche Nationalbibliografie; detailed bibliographic data are available in the Internet at http://dnb.d-nb.de.

License
This work is licensed under a Creative Commons Attribution 3.0 Unported license: CC-BY.

The copyright is retained by the corresponding authors.

Aims and Scope
The periodical Dagstuhl Reports documents the program and the results of Dagstuhl Seminars and Dagstuhl Perspectives Workshops. In principal, for each Dagstuhl Seminar or Dagstuhl Perspectives Workshop a report is published that contains the following:

- an executive summary of the seminar program and the fundamental results,
- an overview of the talks given during the seminar (summarized as talk abstracts), and
- summaries from working groups (if applicable). This basic framework can be extended by suitable contributions that are related to the program of the seminar, e.g. summaries from panel discussions or open problem sessions.

Editorial Board
- Susanne Albers
- Bernd Becker
- Karsten Berns
- Stephan Diehl
- Hannes Hartenstein
- Stephan Merz
- Bernhard Mitschang
- Bernhard Nebel
- Han La Poutré
- Bernt Schiele
- Nicole Schweikardt
- Raimund Seidel (Editor-in-Chief)
- Michael Waidner
- Reinhard Wilhelm

Editorial Office
Marc Herbstritt (Managing Editor)
Jutta Gasiorowski (Editorial Assistance)
Thomas Schillo (Technical Assistance)

Contact
Schloss Dagstuhl – Leibniz-Zentrum für Informatik
Dagstuhl Reports, Editorial Office
Oktavie-Allee, 66687 Wadern, Germany
reports@dagstuhl.de

Digital Object Identifier: 10.4230/DagRep.4.2